



ST95021sqt8-7-01.ST25
SEQUENCE LISTING

<110> BRACCO, Laurent
SCHWEIGHOFFER, Fabien
TOCQUE, Bruno

<120> Conditional Expression System

<130> ST95021-US

<140> 08/930,480

<141> 1998-01-21

<150> PCT/FR96/00477

<151> 1996-03-29

<150> FR95/-3841

<151> 1995-03-31

<160> 35

<170> PatentIn version 3.0

<210> 1

<211> 19

<212> DNA

<213> Escherichia coli

<400> 1

tctctatcac tgatagga

19

<210> 2

<211> 17

<212> DNA

<213> Bacteriophage lambda

<400> 2

tatcaccgca agggata

17

<210> 3

<211> 74

<212> PRT

<213> Homo sapiens

<400> 3

Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg
1 5 10 15

Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys
20 25 30

Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser
35 40 45

His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
50 55 60

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Met Phe Lys Thr Glu Gly Pro Asp Ser Asp
65 70

<210> 4
<211> 768
<212> DNA
<213> Artificial

<220>
<223> ScFv against p53

<400> 4
ttactcgcgg cccagccggc catggcccag gtgcagctgc agcagtctgg ggcagagctt 60
gtaaggctcag gggcctcagt caagttgtcc tgcacagctt ctggcttcaa cattaagac 120
tactatatgc actgggtgaa gcagaggcct gaacagggcc tggagtggat tggatggatt 180
gatcctaaga atggtgatac tgaatatgcc ccgaagttcc agggcaaggc cactatgact 240
gcagacacat cctccaatac agcctacctg cagctcagca gcctggcatc tgaggacact 300
gccgtgtatt attgtaattt ttacggggat gctttggact attggggcca agggaccacg 360
gtcaccgtct cctcaggttg aggcgggttca ggcggaggtg gctctggcgg tggcggatcg 420
gatgttttga tgacccaaac tccactcact ttgtcgggta ccattggaca accagcctcc 480
atctcttgca agtcaagtca gagcctcttg gatagtgatg gaaaaacata tttgaattgg 540
ttgttacaga ggccaggcca gtctccaaag cgcctaattct atctggtgtc taaactggac 600
tctggagtcc ctgacaggtt cactggcagt ggatcaggga cagatttcac acttaaaatc 660
aacagagtgg aggtgagga tttgggagtt tattattgct ggcaaggtag acattctccg 720
cttacgttcg gtgctggcac caagctggaa attaaacggg cggccgca 768

<210> 5
<211> 15
<212> PRT
<213> Artificial

<220>
<223> Peptide linker (hinge)

<400> 5

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
1 5 10 15

<210> 6
<211> 10
<212> PRT
<213> Artificial

<220>

<223> Peptide linker

<400> 6

Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
1 5 10

<210> 7

<211> 30

<212> DNA

<213> Artificial

<220>

<223> DNA encoding peptide linker

<400> 7

cccaagccca gtaccccccc aggttcttca

30

<210> 8

<211> 6

<212> PRT

<213> Artificial

<220>

<223> VSV epitope (tag peptide sequence)

<400> 8

Met Asn Arg Leu Gly Lys
1 5

<210> 9

<211> 18

<212> DNA

<213> Artificial

<220>

<223> DNA encoding VSV epitope

<400> 9

atgaaccggc tgggcaag

18

<210> 10

<211> 11

<212> PRT

<213> Artificial

<220>

<223> myc epitope (peptide tag sequence)

<400> 10

Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
1 5 10

<210> 11

<211> 33

<212> DNA
 <213> Artificial

<220>
 <223> DNA encoding myc epitope

<400> 11
 gaacaaaaaac tcatctcaga agaggatctg aat

33

<210> 12
 <211> 7
 <212> PRT
 <213> Artificial

<220>
 <223> SV40 virus nuclear localization peptide

<400> 12

Pro Lys Lys Lys Arg Lys Val
 1 5

<210> 13
 <211> 4
 <212> PRT
 <213> Artificial

<220>
 <223> Repeating unit of cationic polymer

<400> 13

Leu Lys Leu Lys
 1

<210> 14
 <211> 4
 <212> PRT
 <213> Artificial

<220>
 <223> repeating unit of cationic polymer

<400> 14

Leu Lys Lys Leu
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<210> 15
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <223> plasmid fragment

<400> 15
 gatcctatca ccgcaaggga taa

23

<210> 16
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <223> pcr primer

<400> 16
 agcttttatcc cttgcggtga tag

23

<210> 17
 <211> 76
 <212> DNA
 <213> Artificial

<220>
 <223> pcr primer

<400> 17
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 ttagataaaa gttaaag

60

76

<210> 18
 <211> 51
 <212> DNA
 <213> Artificial

<220>
 <223> pcr primer

<400> 18
 cgtacggaat tcgggccctt actcgaggga cccactttca catttaagtt g

51

<210> 19
 <211> 76
 <212> DNA
 <213> Artificial

<220>
 <223> pcr primer

<400> 19
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 cgcataaccc tgaaag

60

76

<210> 20
 <211> 51
 <212> DNA
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<220>
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<400> 20
 cgtacggaat tcgggccctt actcgagtgc tgttgttttt ttgttactcg g 51

<210> 21
 <211> 35
 <212> DNA
 <213> Artificial

<220>
 <223> pcr primer

<400> 21
 caggccatgg catgaagaaa ccaactggatg gagaa 35

<210> 22
 <211> 43
 <212> DNA
 <213> Artificial

<220>
 <223> pcr primer

<400> 22
 cgctcgatcc tctagatgcg gccgcgtctg agtcaggccc ttc 43

<210> 23
 <211> 31
 <212> DNA
 <213> Artificial

<220>
 <223> pcr primer

<400> 23
 caggctcgag aagaaaccac tggatggaga a 31

<210> 24
 <211> 61
 <212> DNA
 <213> Artificial

<220>
 <223> pcr primer

<400> 24
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 a 61

<210> 25
 <211> 37

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<212> DNA
 <213> Artificial

<220>
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<400> 25
 ggtcgaattc gggccctcag tctgagtcag gcccttc 37

<210> 26
 <211> 29
 <212> DNA
 <213> Artificial

<220>
 <223> pcr primer

<400> 26
 caggccatgg aggagccgca gtcagatcc 29

<210> 27
 <211> 46
 <212> DNA
 <213> Artificial

<220>
 <223> pcr primer

<400> 27
 cgtcggatcc tctagatgcg gccgccacgg ggggagcagc ctctgg 46

<210> 28
 <211> 48
 <212> DNA
 <213> Artificial

<220>
 <223> single strand of double stranded DNA molecule

<400> 28
 gatccgactt tcacttttct ctatcactga tagtgagtgg taaactca 48

<210> 29
 <211> 48
 <212> DNA
 <213> Artificial

<220>
 <223> single strand of double stranded DNA molecule

<400> 29
 agcttgagtt taccactccc tatcagtgat agagaaaagt gaaagtcg 48

<210> 30

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<211> 48
 <212> DNA
 <213> Artificial

 <220>
 <223> single strand of double stranded DNA molecule

 <400> 30
 tgagtttacc actcactatc agtgatagag aaaagtgaaa ctcggatc 48

 <210> 31
 <211> 25
 <212> DNA
 <213> Artificial

 <220>
 <223> fragment of TET reporter

 <400> 31
 atgtctagat tagataaaaag taaag 25

 <210> 32
 <211> 51
 <212> DNA
 <213> Artificial

 <220>
 <223> fragment of TET reporter with restriction sites

 <400> 32
 caacttaa atgtgaaagtgg gtccctcgag taagggcccg aattccgtac g 51

 <210> 33
 <211> 25
 <212> DNA
 <213> Artificial

 <220>
 <223> fragment of CRO

 <400> 33
 atggaacaac gcataaccct gaaag 25

 <210> 34
 <211> 51
 <212> DNA
 <213> Artificial

 <220>
 <223> fragment of CRO reporter with restriction sites

 <400> 34
 ccgagtaaca aaaaaacaac agcactcgag taagggcccg aattccgtac g 51

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<210> 35
<211> 42
<212> DNA
<213> Artificial

<220>

*G's
cancer* <223> DNA fragment containing regulatory sequence OR3, TATA box and CAT
gen

<400> 35

gacttttcact tttctctatc actgataggg agtggtaaac tc

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